

The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A textile material with antenna components of an HF transponder which may be operated by connection of a circuit module to the antenna components which are tuned or may be tuned to a working frequency, ~~characterised in that~~ wherein the antenna components consist of electrically conductive components of the textile material itself which may be formed as an E-field antenna, using the geometry thereof to match a working frequency in the UHF or microwave range, or by interruption or extension of a conductive section.

Claim 2 (Currently Amended): The textile material according to claim 1, ~~characterised in that~~ wherein the antenna components are arranged singly or multiply and mutually spaced.

Claim 3 (Currently Amended): The textile material according to claim 1 ~~or claim 2~~, ~~characterised in that~~ wherein the antenna components are arranged in web-like material in the web direction

of the web and/or obliquely to the web direction and/or transverse to the web direction.

Claim 4 (Currently Amended): The textile material according to ~~any one of claims 1 to 3~~ claim 1, ~~characterised in that~~ wherein the antenna components form at least one symmetrical $\lambda/2$ dipole or at least one $\lambda/4$ groundplane comprising a $\lambda/4$ antenna and a counterpoise, wherein λ corresponds to the wavelength of the working frequency.

Claim 5 (Currently Amended): The textile material according to ~~any one of claims 1 to 4~~ claim 1, ~~characterised in that~~ wherein the electrically conductive components of the textile material are electrically conductive printing paste or electrically conducting thread structures which can be processed mechanically within a normal production process for the textile industry.

Claim 6 (Currently Amended): The textile material according to claim 5, ~~characterised in that~~ wherein the electrically conductive thread structure is a metal-coated plastic thread, a

plastic thread wound with metal wire or a metal stranded wire, a plastic thread with a built-in metal wire or a built-in metal stranded wire or a graphite thread.

Claim 7 (Currently Amended): The textile material according to claim 6, ~~characterised in that~~ wherein the electrically conductive thread structure comprises continuously conducting threads which can be separated at connection points and antenna ends.

Claim 8 (Currently Amended): The textile material according to claim 7, ~~characterised in that~~ wherein adjacent threads can be separated when connecting a circuit module.

Claim 9 (Currently Amended): The textile material according to claim 6, ~~characterised in that~~ wherein the electrically conductive thread structure comprises partially conducting threads between connection points and antenna ends.

Claim 10 (Currently Amended): The textile material according to ~~any one of claims 6 to 9~~ claim 6, ~~characterised in that~~ wherein the threads come to the surface of the textile material at outlet

points which correspond to the position of connection points and antenna ends and continuously conducting threads can be separated here.

Claim 11 (Currently Amended): The textile material according to claim 10, ~~characterised in that~~ wherein the outlet points have a spacing of $\lambda/4$ of the wavelength of the working frequency.

Claim 12 (Currently Amended): The textile material according to ~~any one of claims 1 to 11~~ claim 1, ~~characterised in that~~ wherein antenna components comprise at least one connection point for connection to antenna connections of the circuit module by crimp connections, welded connections, soldered connections or adhesive connections using conductive adhesive.

Claim 13 (Currently Amended): The textile material according to claim 5, ~~characterised in that~~ wherein during the printing production process, the conductive adhesive is formed by the printing paste itself.

Claim 14 (Currently Amended): The textile material according to claim 12 ~~or claim 13~~, ~~characterised in that~~ wherein adhesive

surfaces of adhesive compounds are UV-permeable and the conductive adhesive is UV curable.

Claim 15 (Currently Amended): The textile material according to ~~any one of claims 1 to 14~~ claim 1, ~~characterised in that~~ wherein the circuit module itself and its antenna connections are enclosed by a potting compound and the potting compound is at the same time connected to the region of the textile material adjacent to the circuit module for mechanical fixing of the circuit module and/or increasing the security against tampering.

Claim 16 (Currently Amended): The textile material according to ~~any one of claims 1 to 15~~ claim 1, ~~characterised in that~~ wherein a placement area for a circuit module is specified in a pre-cut section of textile material and the circuit module can be connected to a connection point located in this placement area and fixed therein for identification of the pre-cut section or the finished goods.

Claim 17 (Currently Amended): The textile material according to ~~any one of claims 1 to 15~~ claim 1, ~~characterised in that~~ wherein in raw goods of the textile material a placement area for a circuit

module is preferably specified in the edge area of the goods and the circuit module can be connected to a connection point located in this placement area and fixed therein for identification of the raw goods.